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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Ivan A. COWIE et al.

Appl. No. 09/683,192

Confirmation No. 1610

Filed: August 15, 2000

For: A METHOD FOR SPECIFYING  
NON-TEMPORAL PULSE  
CHARACTERISTICS

Art Unit: 2634

Examiner: Guillermo Munoz

Atty. Docket No. 28549-165559

Customer No.

26694  
PATENT TRADEMARK OFFICE

Submission Of Formal Drawings

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Technology Center 2600

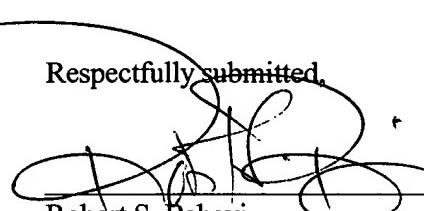
Commissioner of Patents  
P. O Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith are 18 sheets of formal drawing containing Figures 1-10.

Date: 01/18/04

Respectfully submitted,

  
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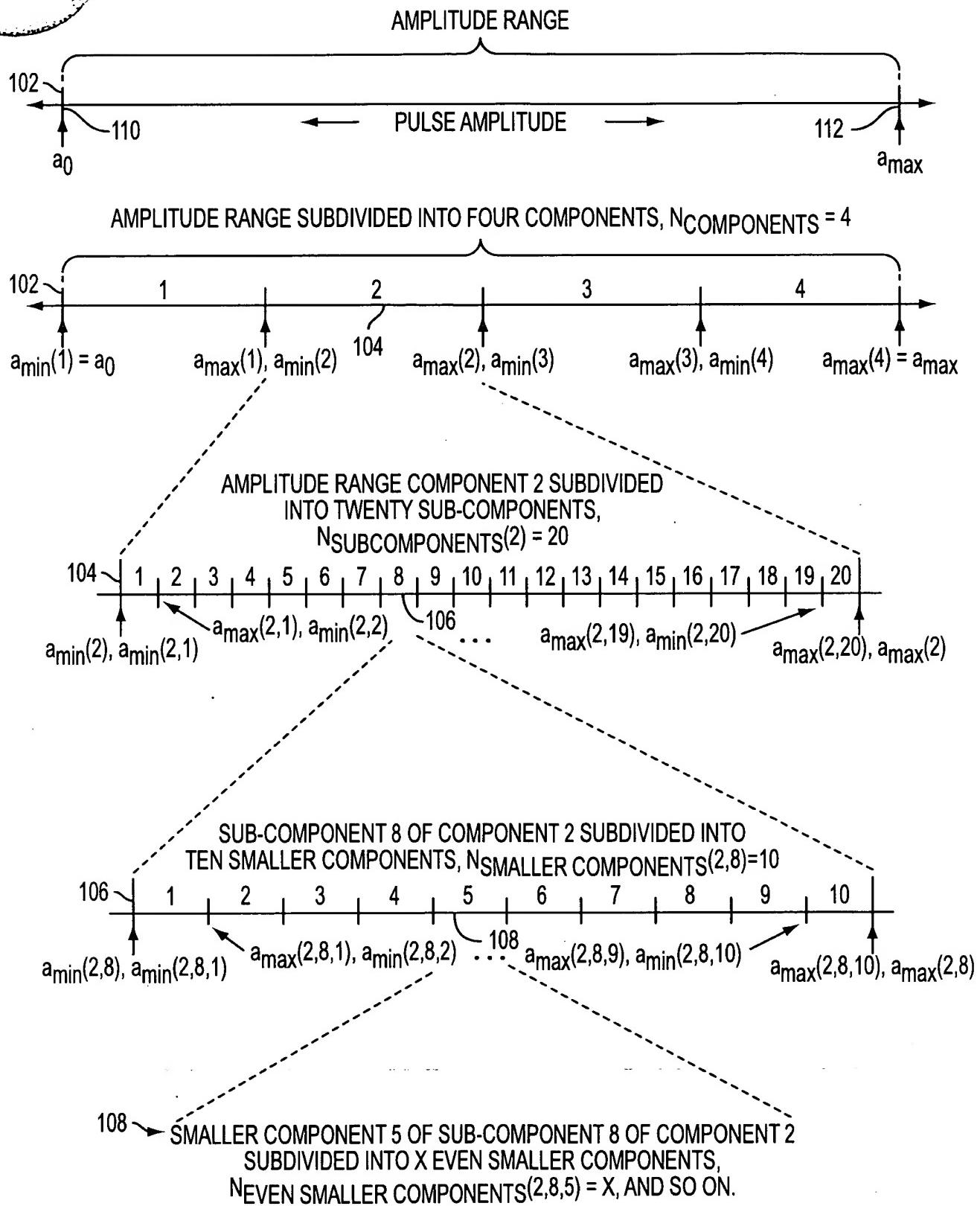


FIG. 1



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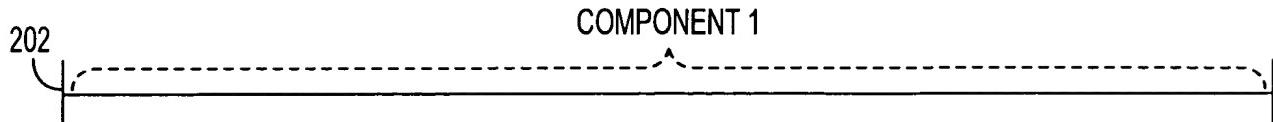


FIG. 2A

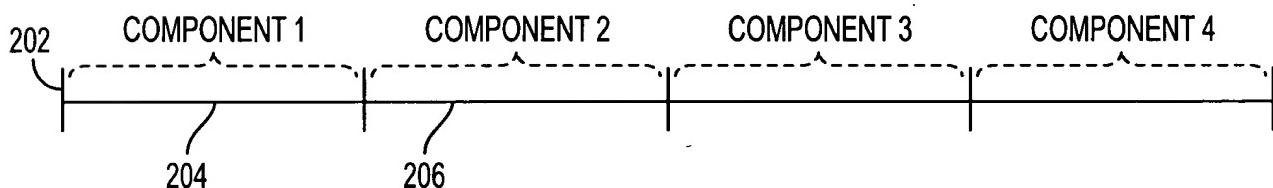


FIG. 2B

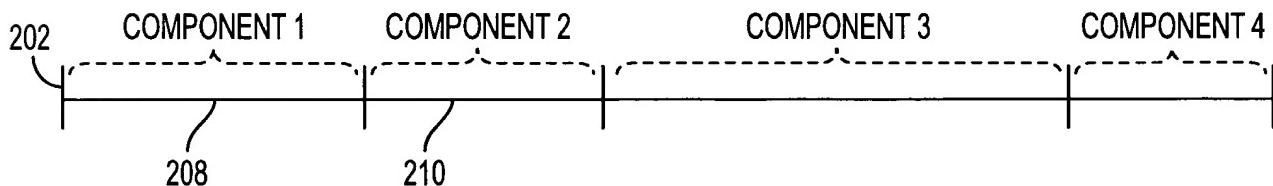


FIG. 2C



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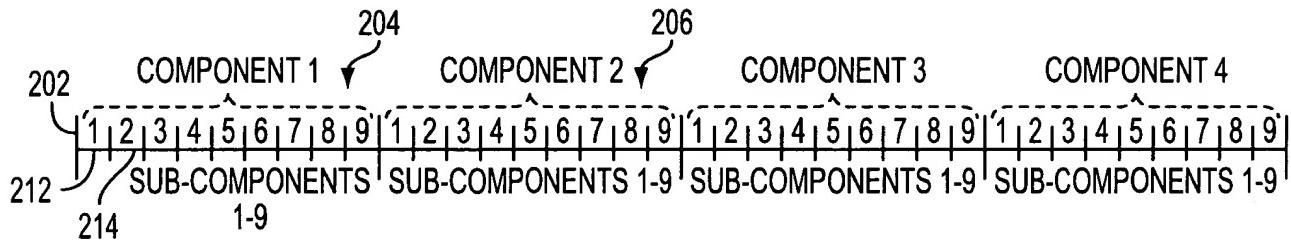
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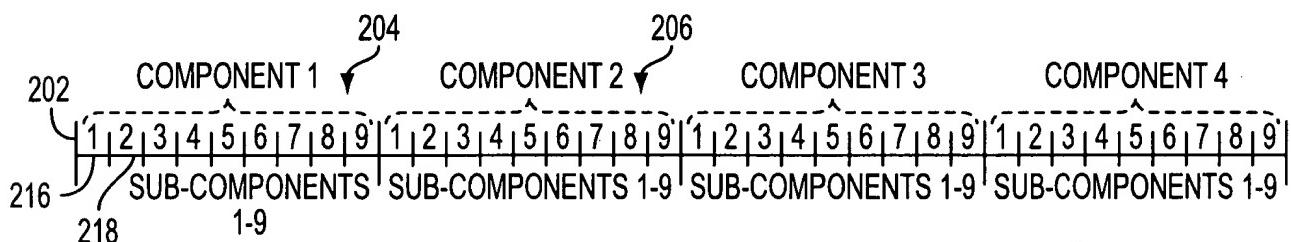
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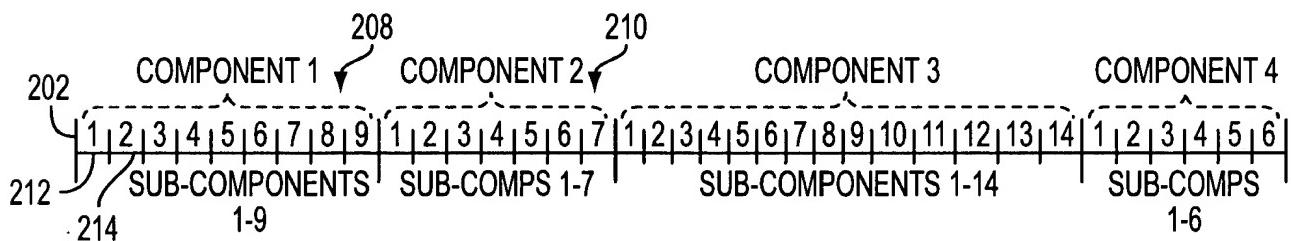
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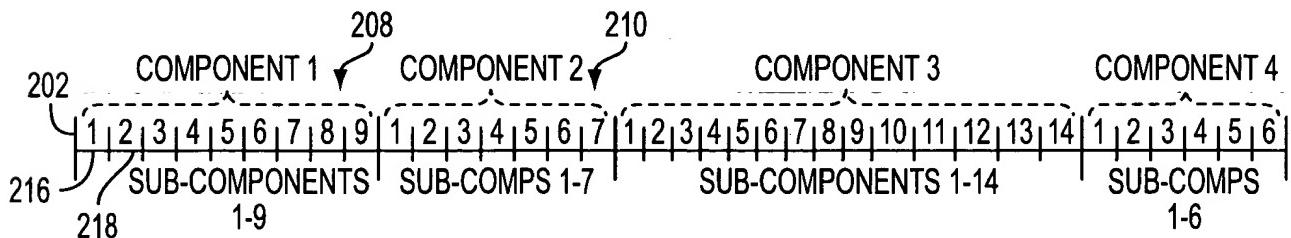
**FIG. 2D**



**FIG. 2E**



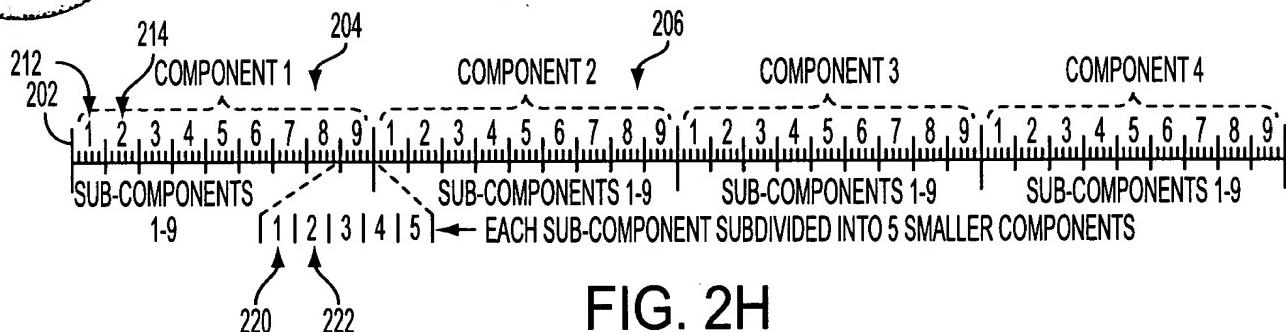
**FIG. 2F**



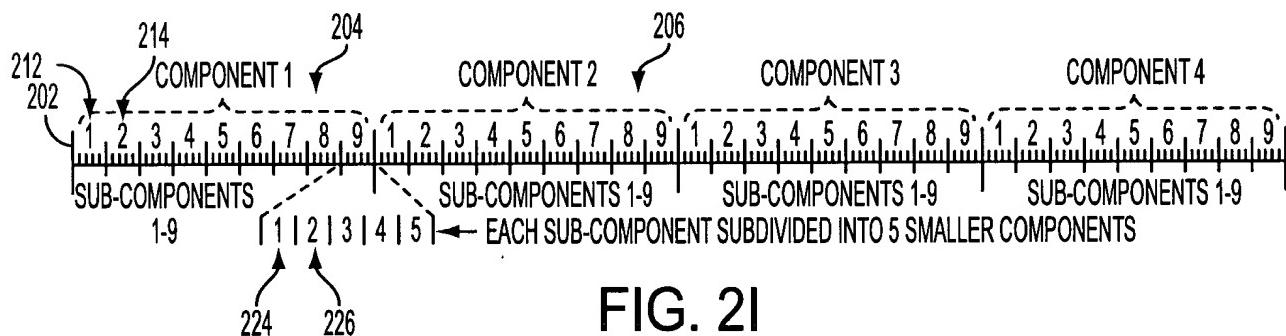
**FIG. 2G**



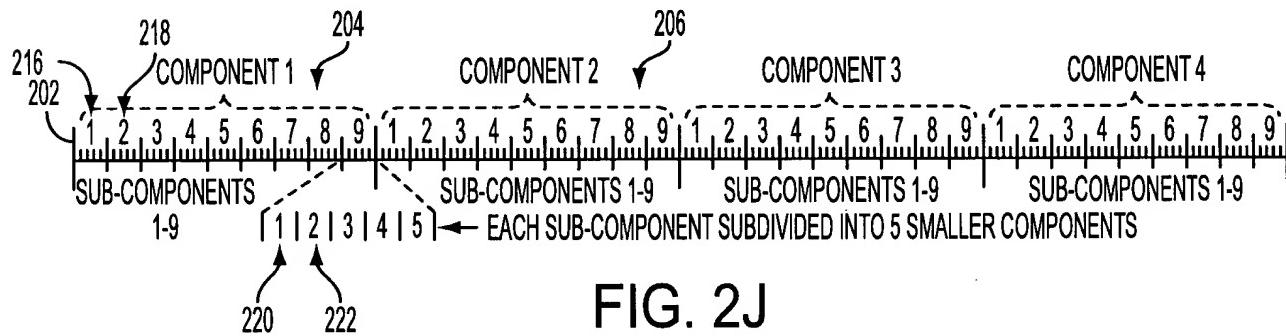
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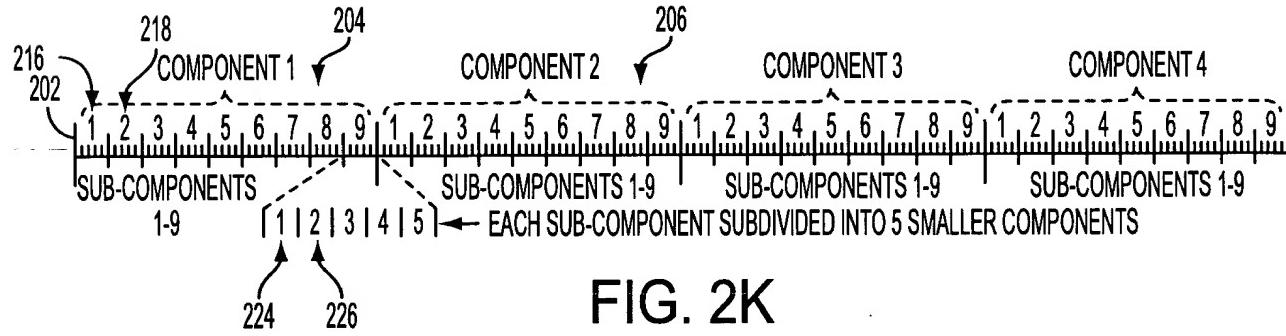
**FIG. 2H**



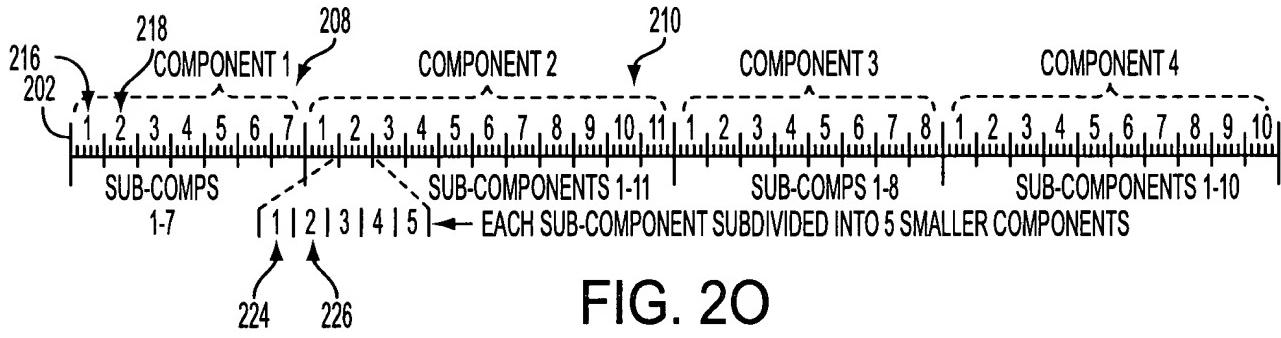
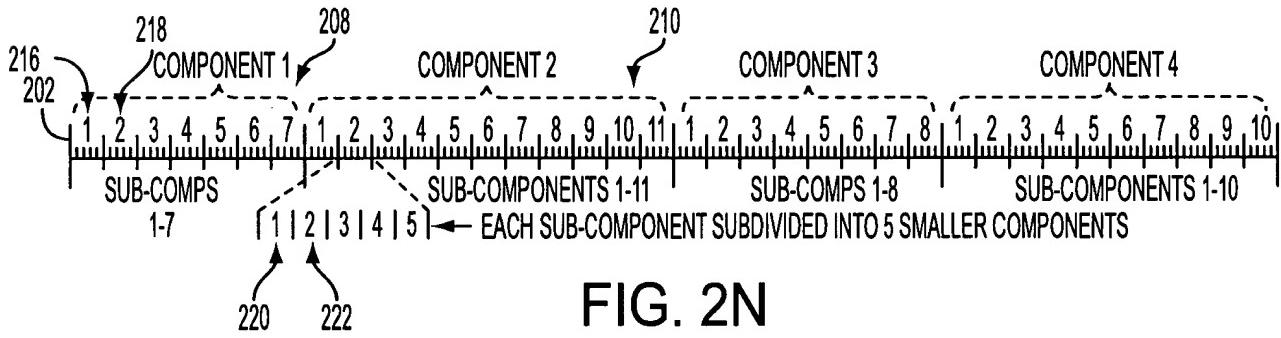
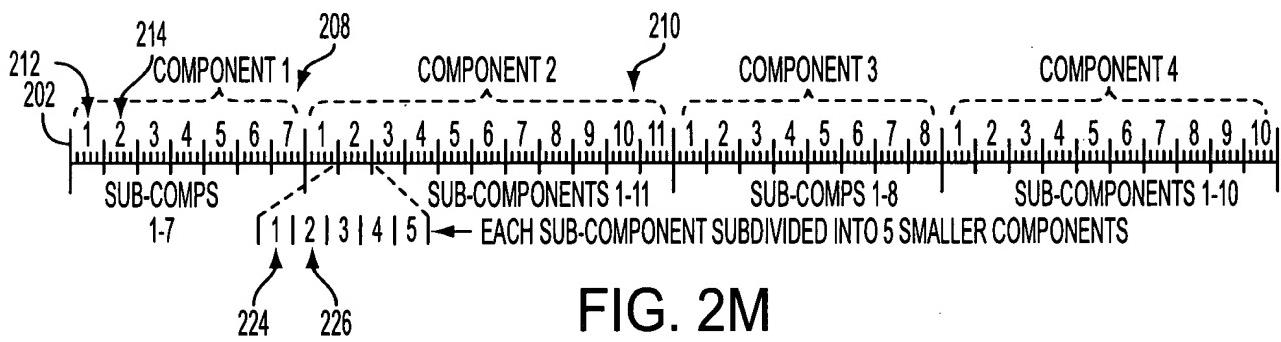
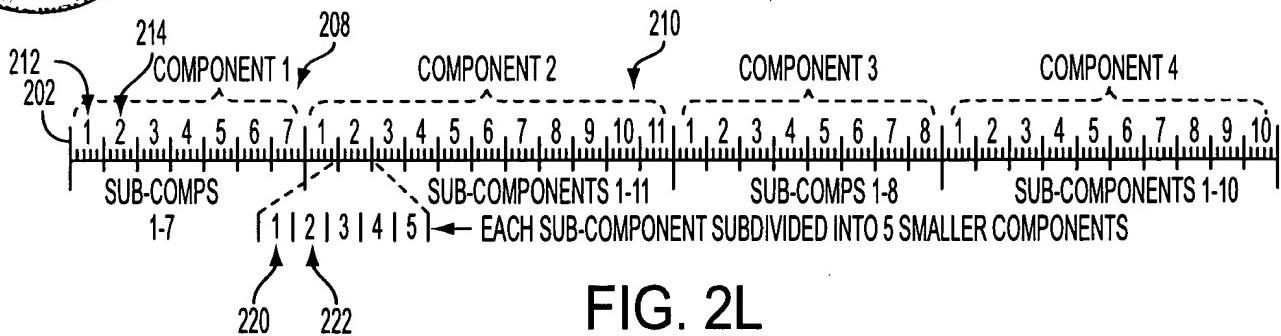
**FIG. 2I**



**FIG. 2J**



**FIG. 2K**



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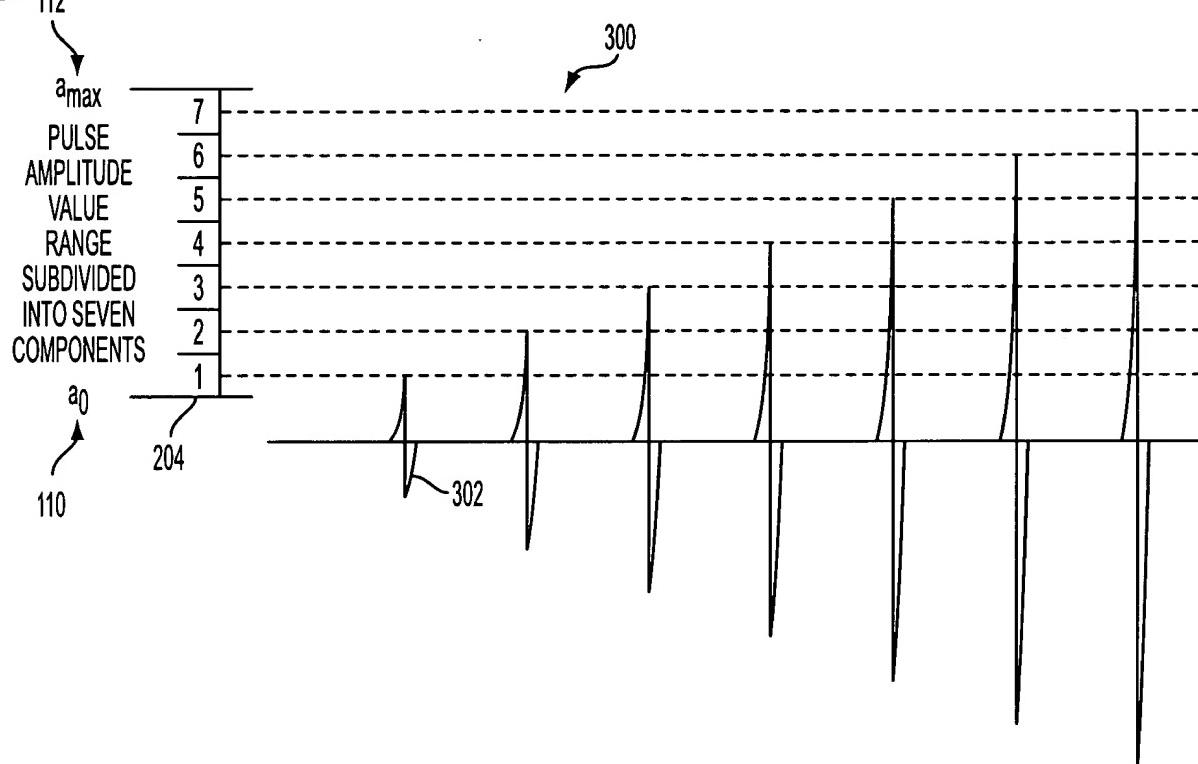


FIG. 3A

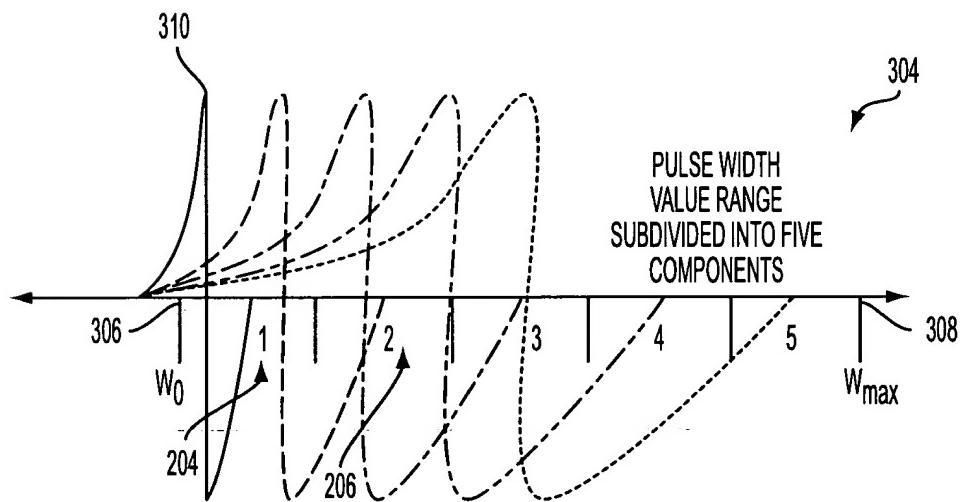


FIG. 3B



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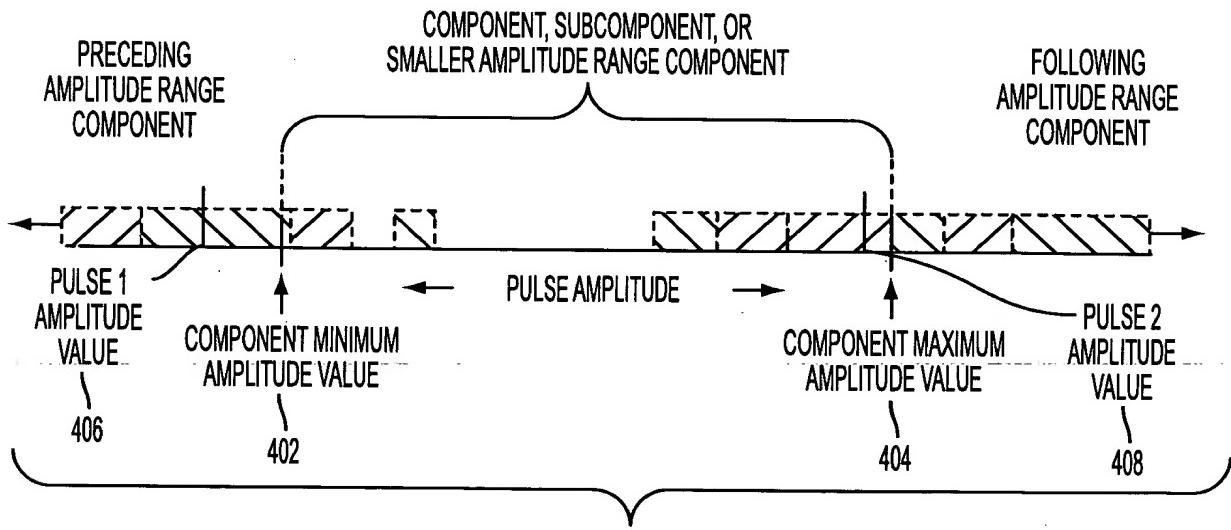
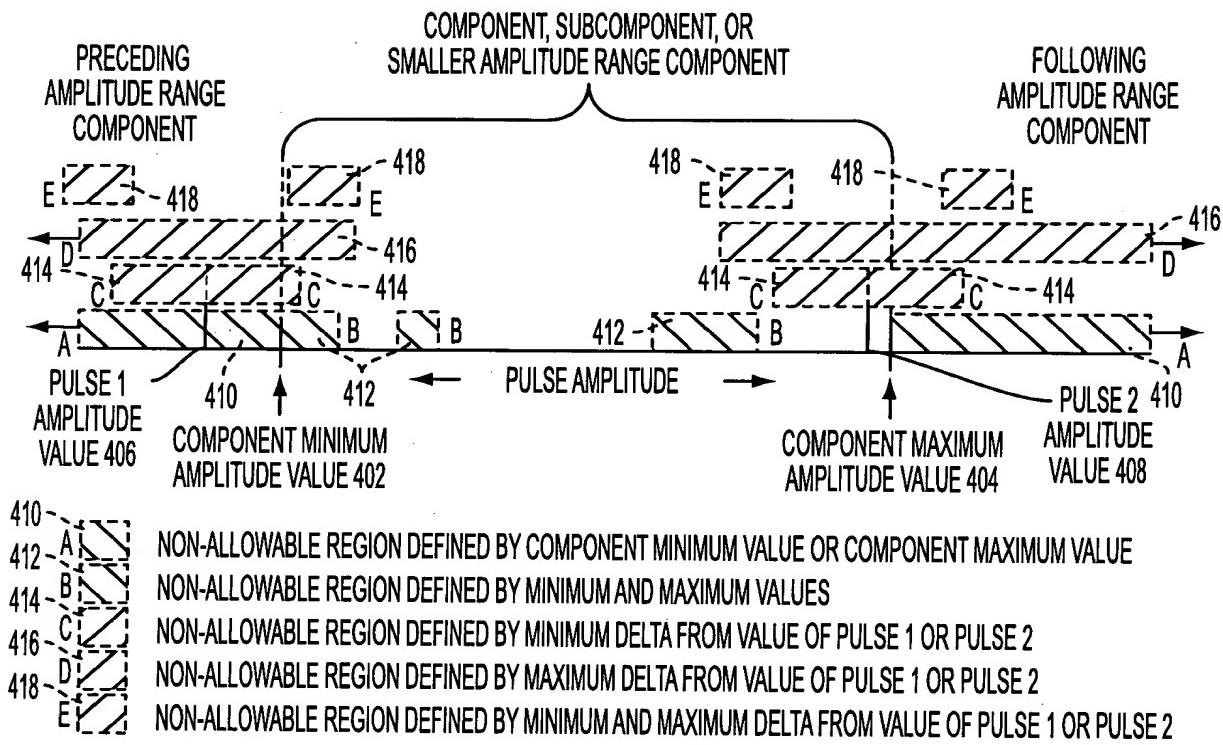


FIG. 4A



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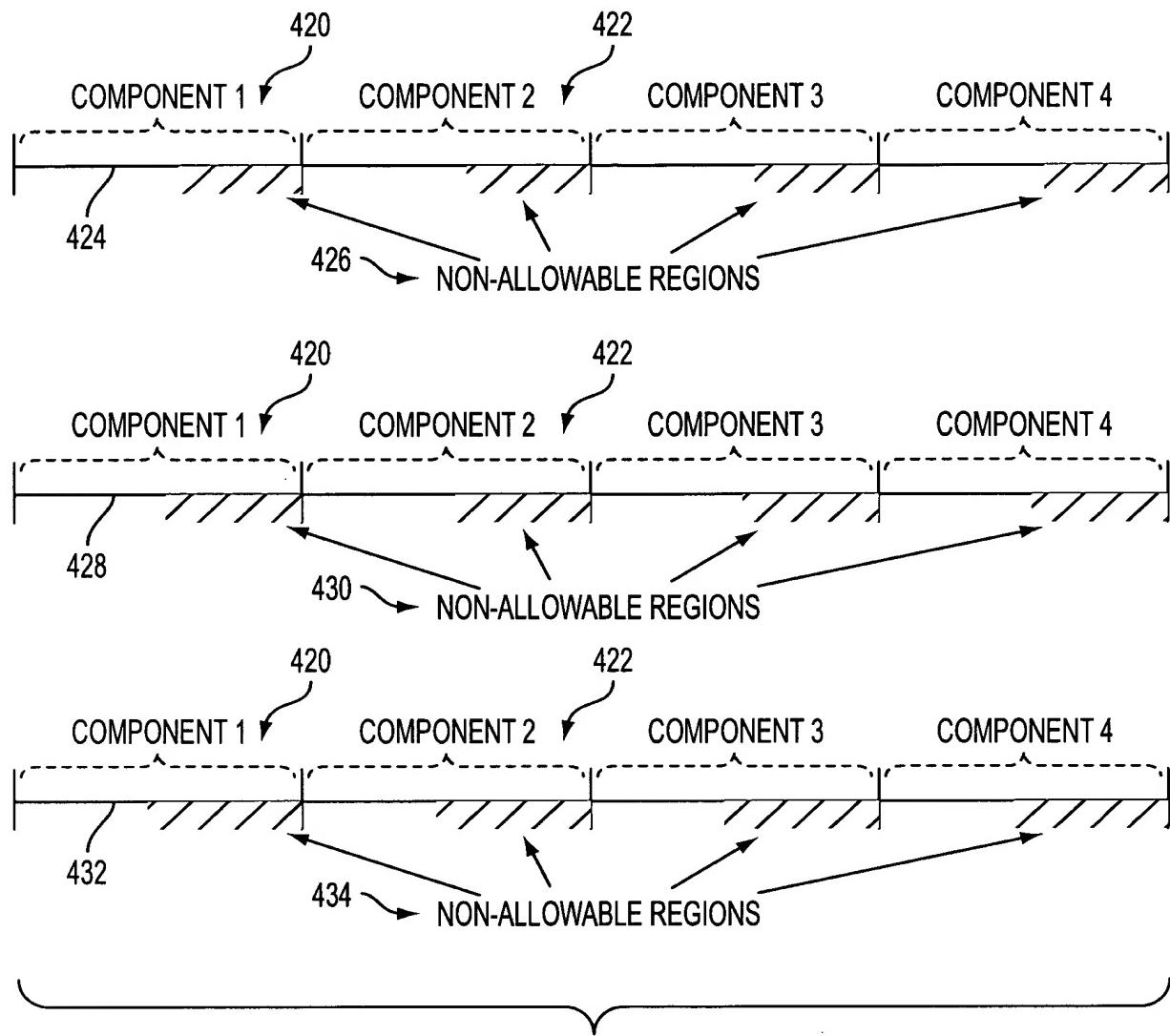


FIG. 4B



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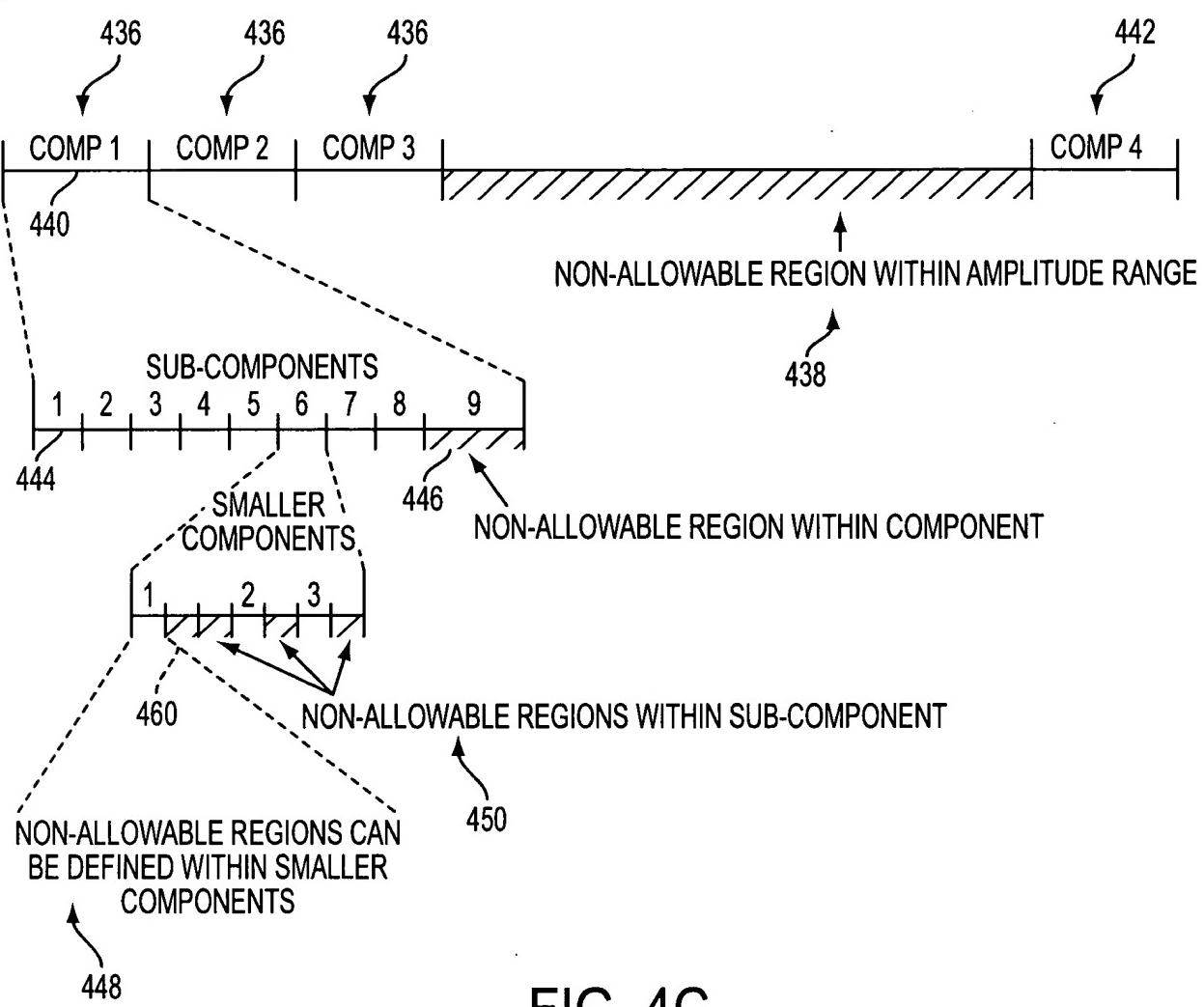
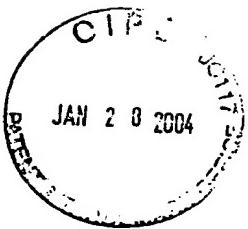


FIG. 4C



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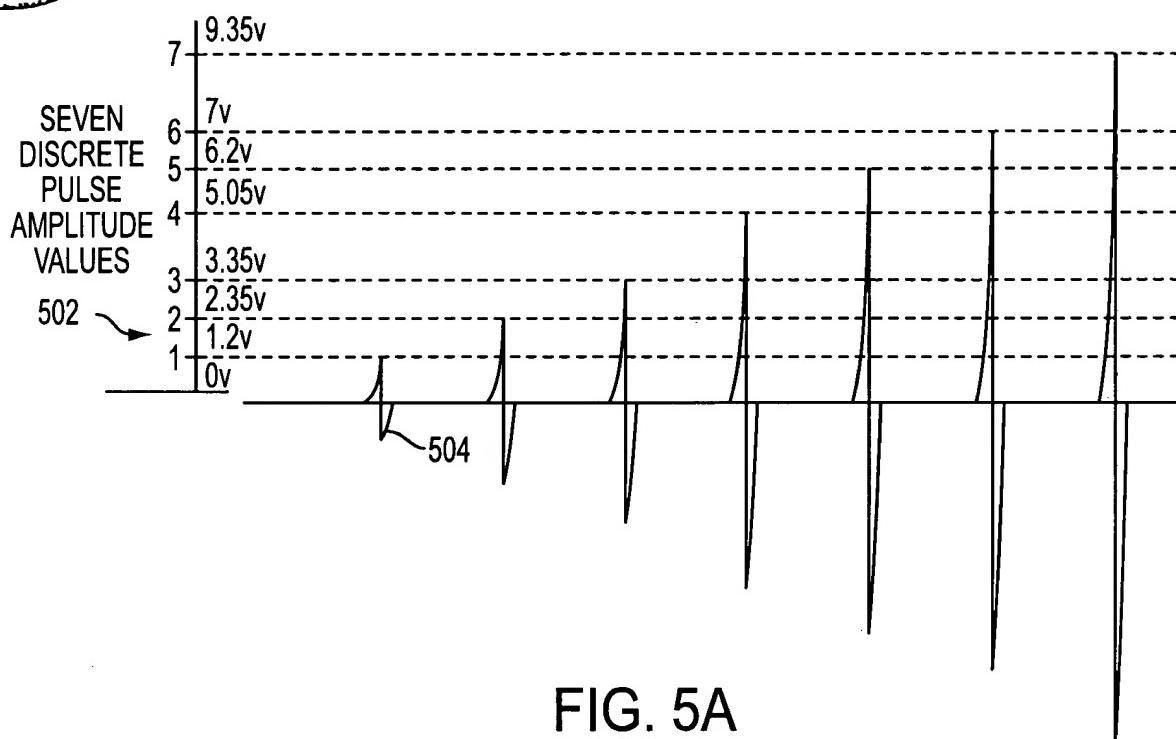


FIG. 5A

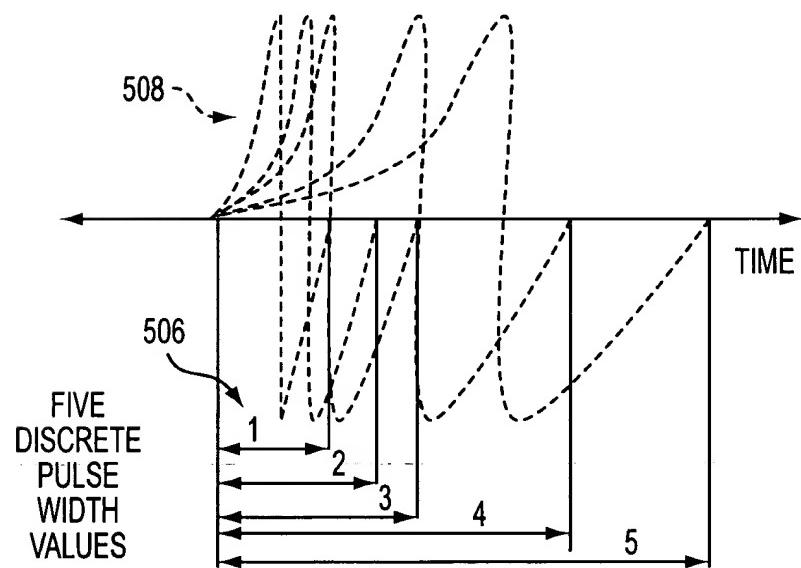


FIG. 5B



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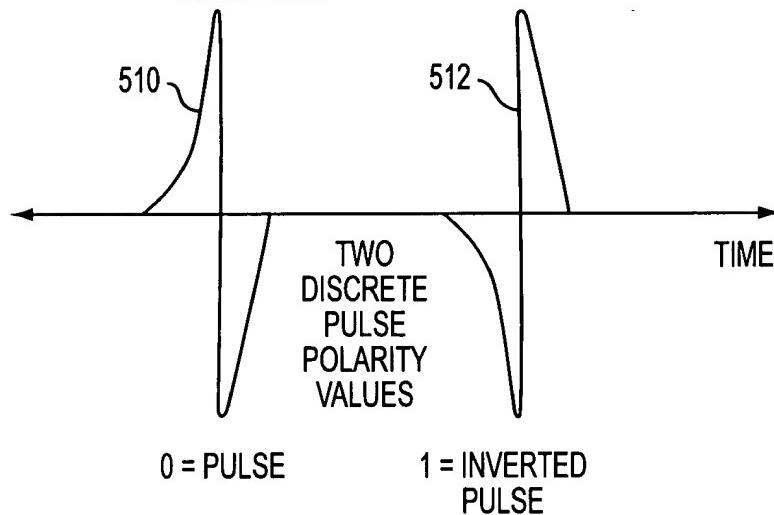


FIG. 5C

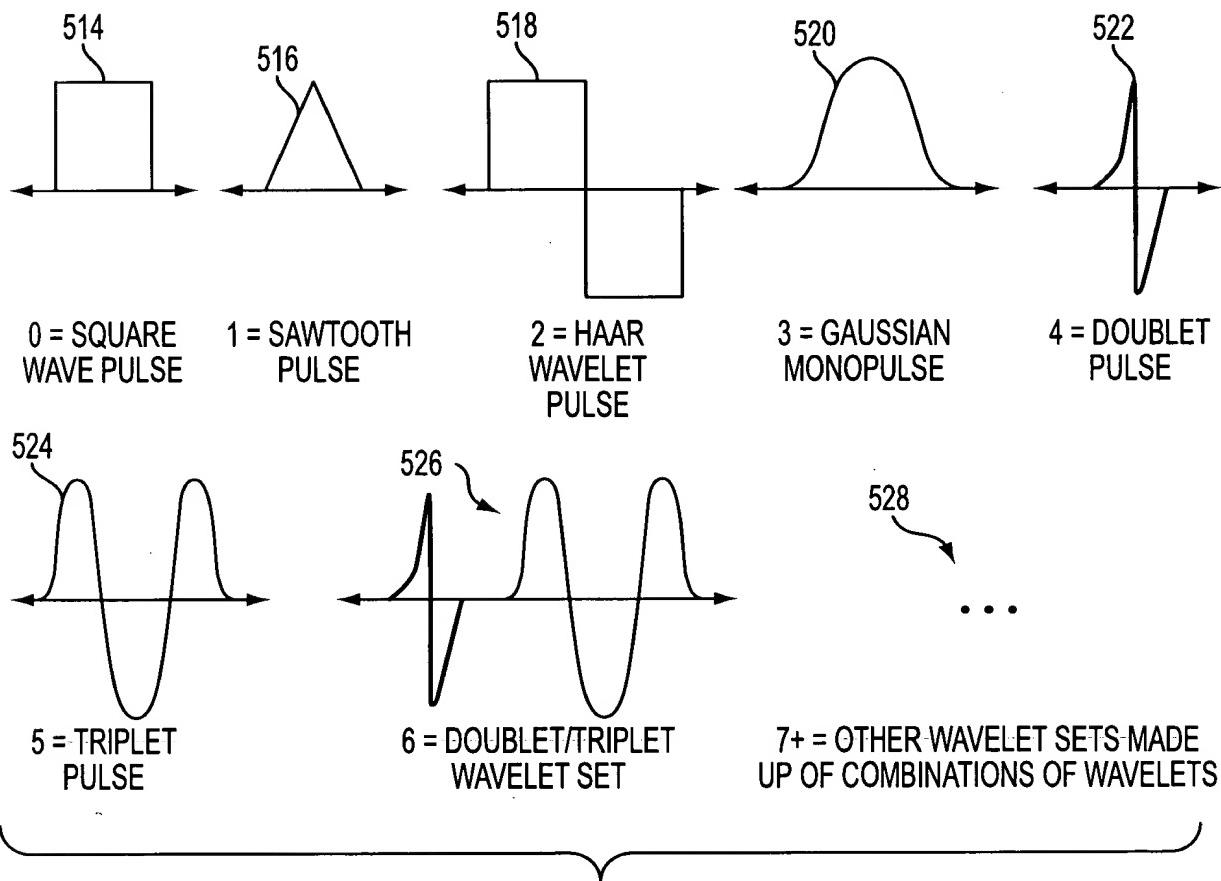
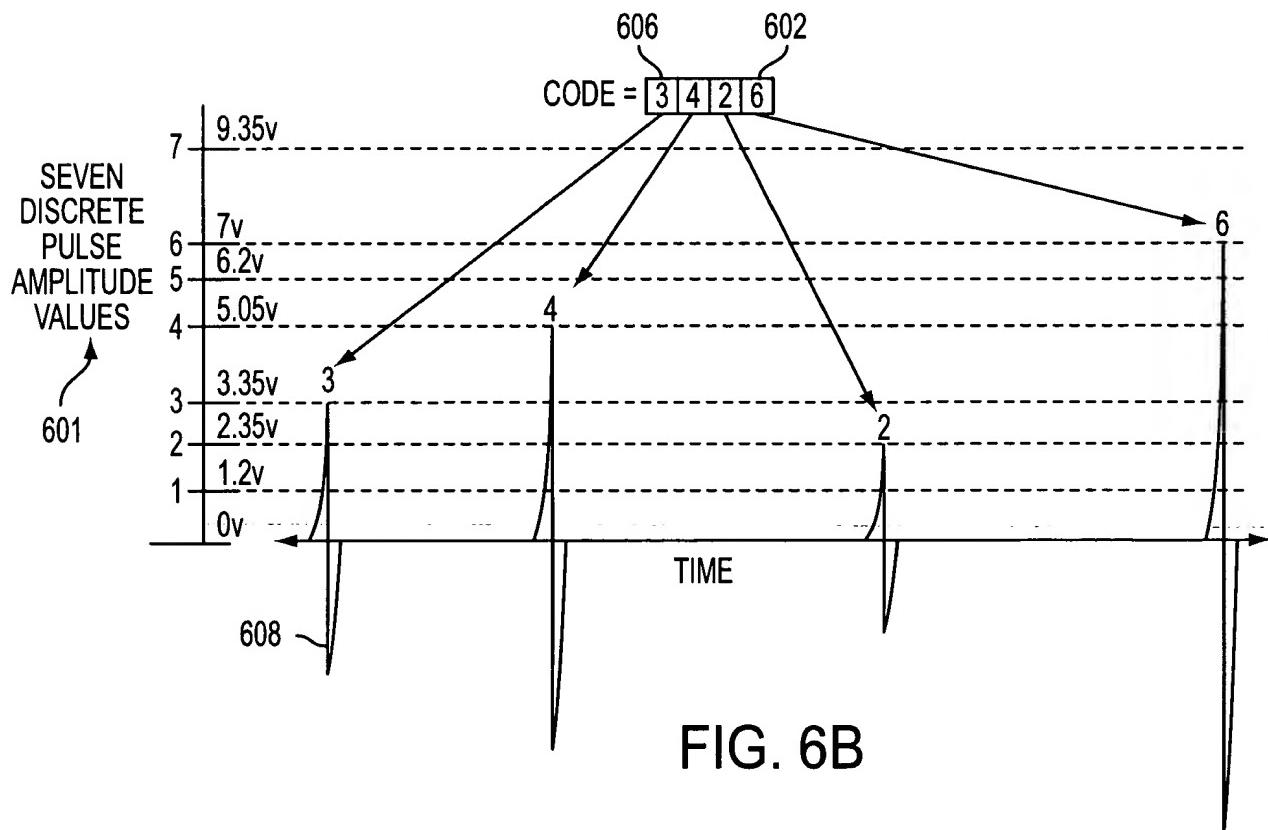
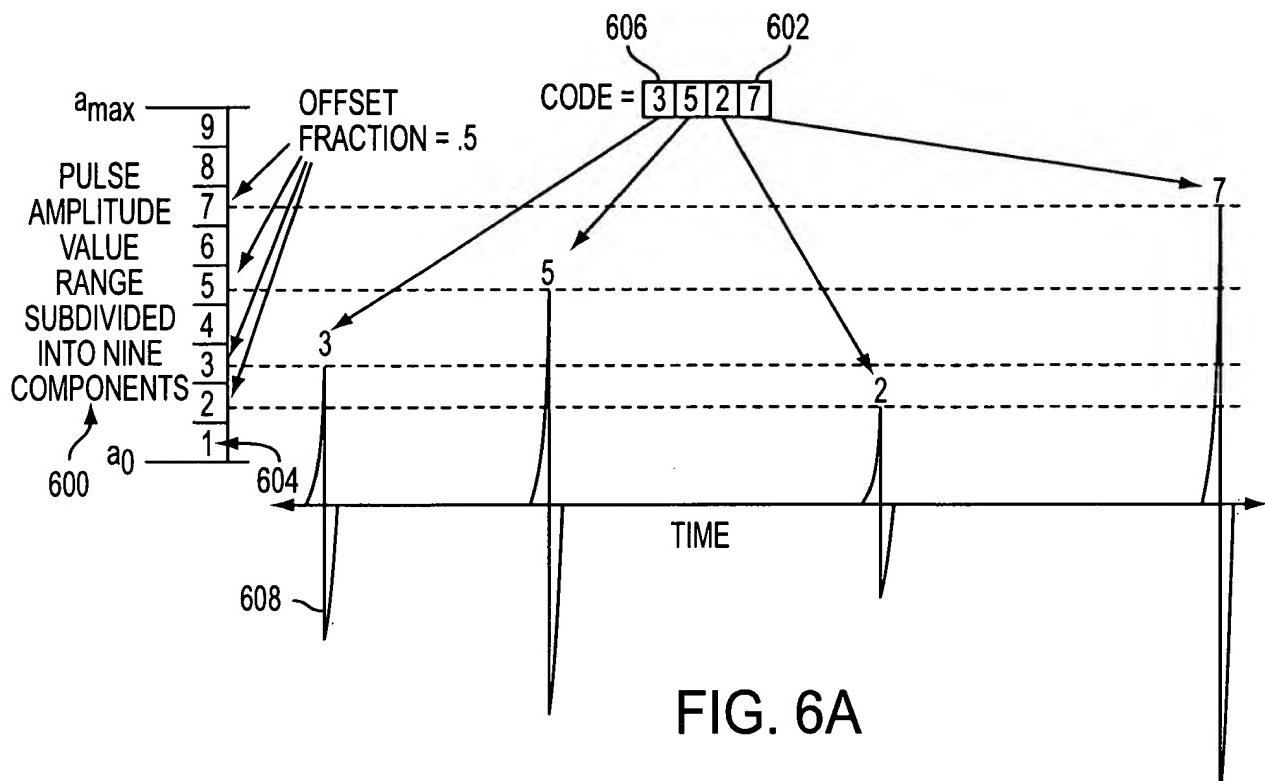


FIG. 5D



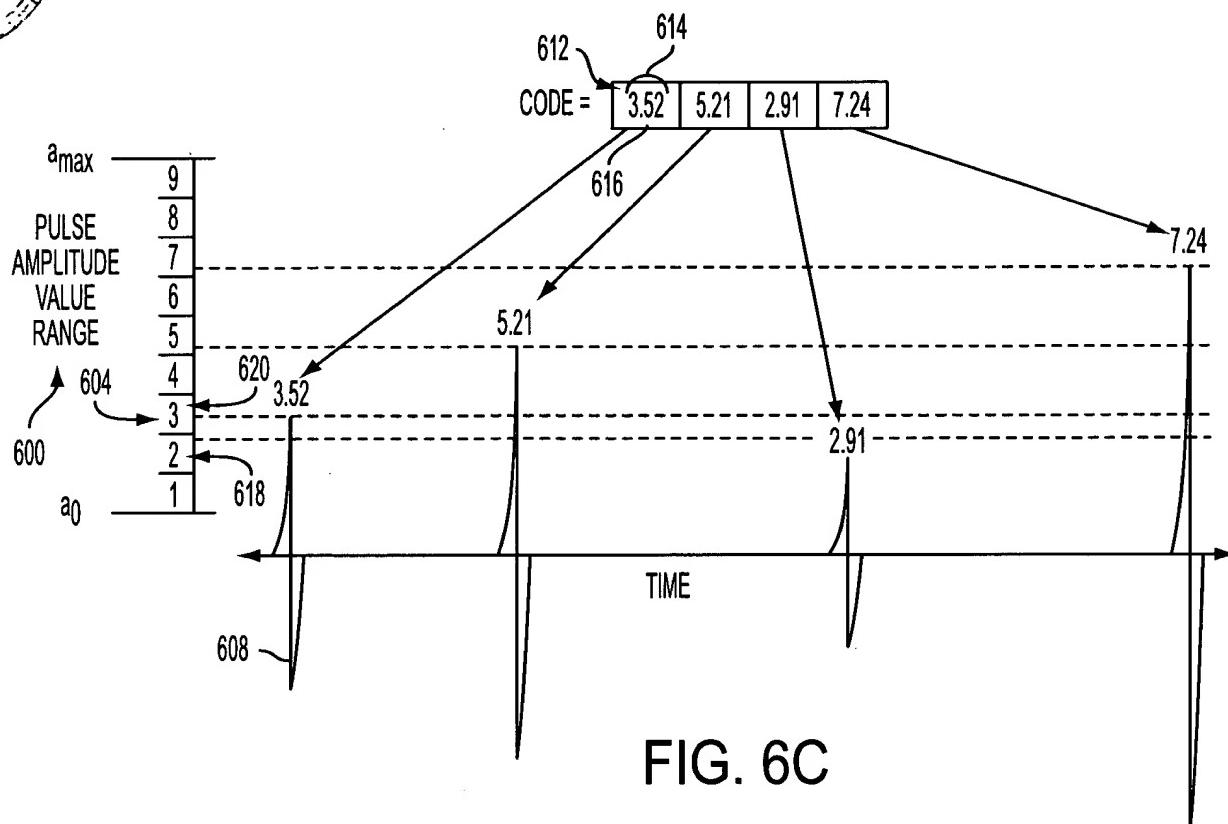


FIG. 6C

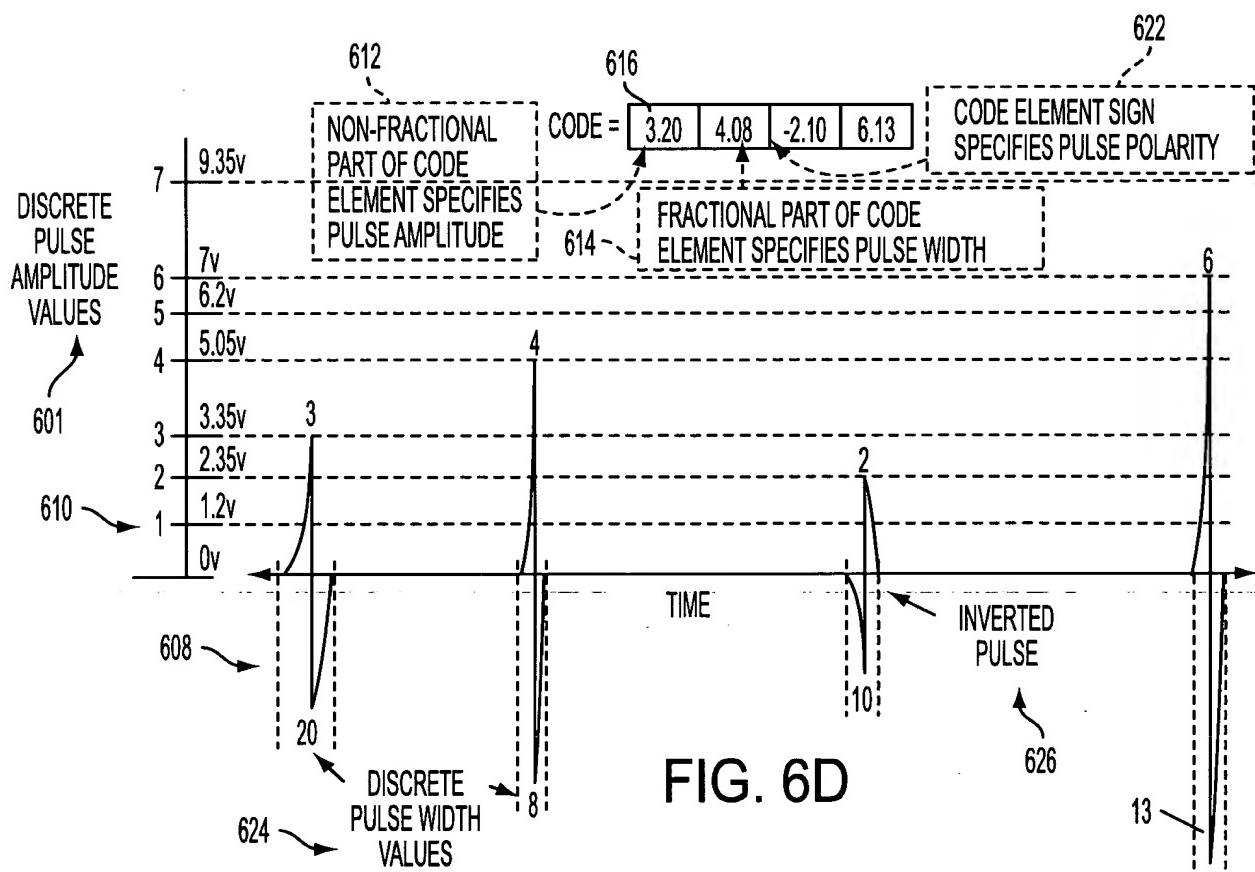


FIG. 6D



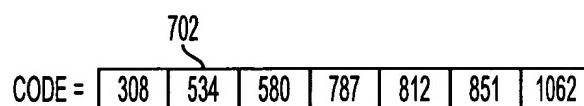
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CODE ELEMENT BIT TRANSLATION TABLE

CODE ELEMENT VALUE (DECIMAL)	TRANSLATED CODE ELEMENT VALUE (16 BIT BINARY WORD)	MOST SIGNIFICANT BITS (MSB)	LEAST SIGNIFICANT BITS (LSB)	MSB TRANSLATED TO DECIMAL (COMPONENT)	LSB TRANSLATED TO DECIMAL/100 (OFFSET)
308	0000000100110100	00000001	00110100	1	.52
534	0000001000110100	00000010	00110100	2	.22
580	0000001001000100	00000010	01000100	2	.68
1062	000001000100110	00000100	00100110	4	.38
812	0000001100101100	00000011	00101100	3	.44
851	0000001101010011	00000011	01010011	3	.83
787	0000001100010011	00000011	00010011	3	.19

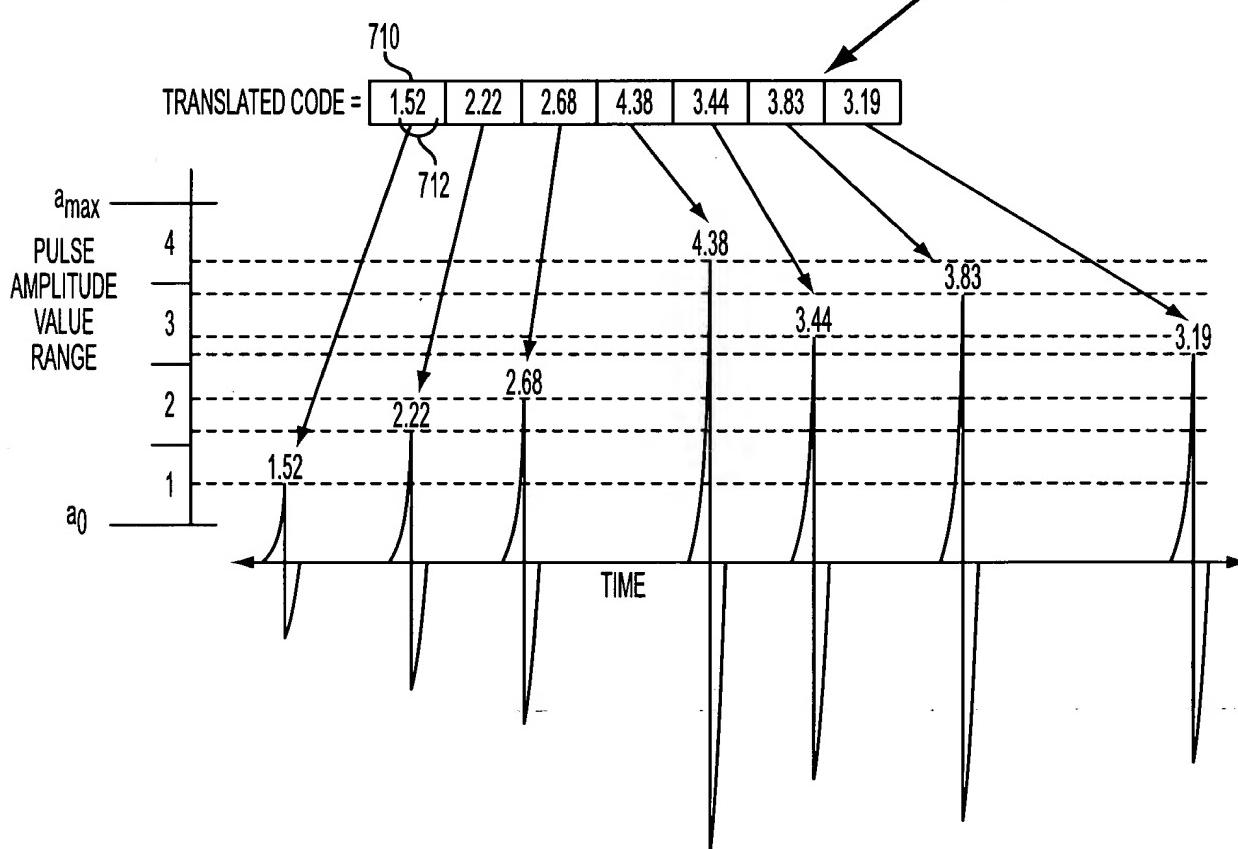


FIG. 7A



CODE = 

361	616	648	806	857	934	1100
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CODE ELEMENT BIT TRANSLATION TABLE

CODE ELEMENT VALUE (DECIMAL)	TRANSLATED CODE ELEMENT VALUE (16 BIT BINARY WORD)	MOST SIGNIFICANT BITS (MSB)	FIRST SEVEN LEAST SIGNIFICANT BITS (LSB)	LAST LSB (+/-)	MSB TRANSLATED TO DECIMAL (COMPONENT)	FIRST 7 LSB TRANSLATED TO DECIMAL/100 (OFFSET)
361	0000000101101001	00000001	0110100	1	1	.52
616	0000001001101000	00000010	0110100	0	2	.22
648	0000001010001000	00000010	1000100	0	2	.68
1100	0000010001001100	00000100	0100110	0	4	.38
857	0000001101011001	00000011	0101100	1	3	.44
934	0000001110100110	00000011	1010011	0	3	.83
806	0000001100100110	00000011	0010011	0	3	.19

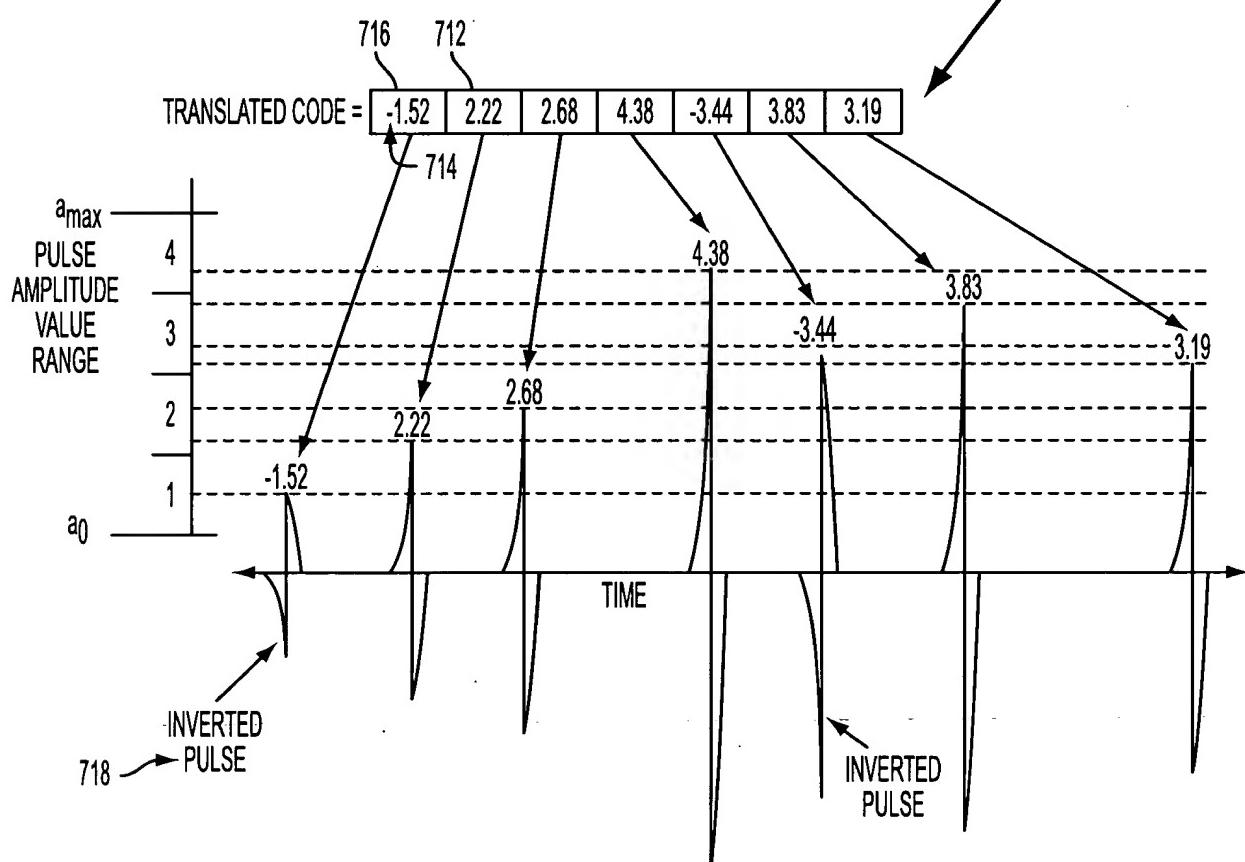


FIG. 7B

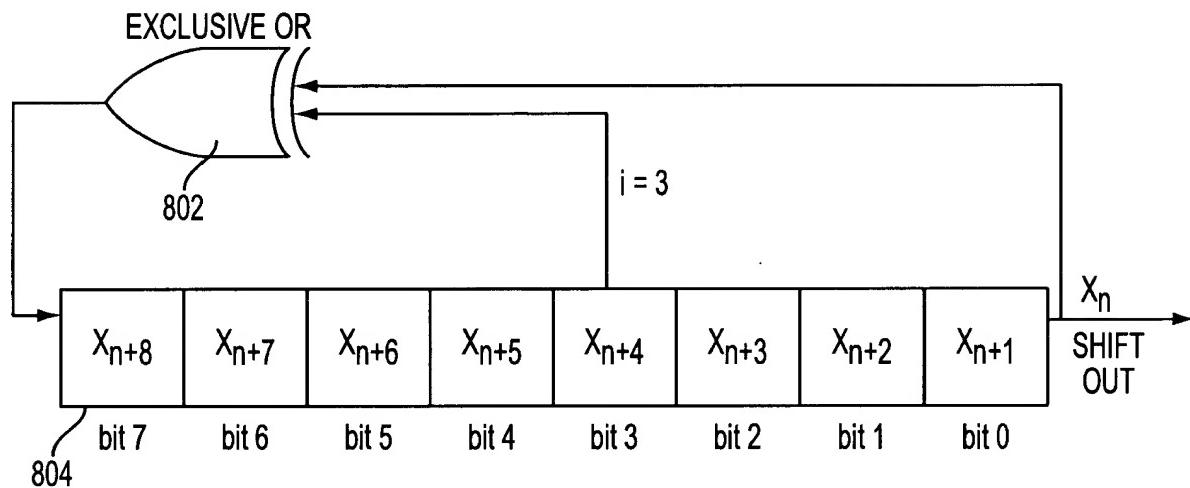


FIG. 8A

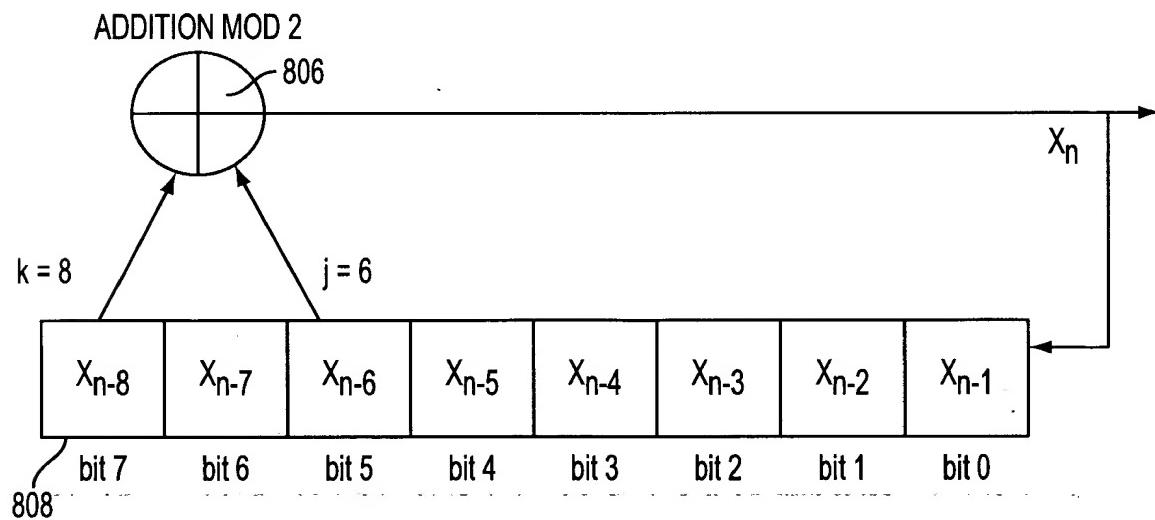


FIG. 8B



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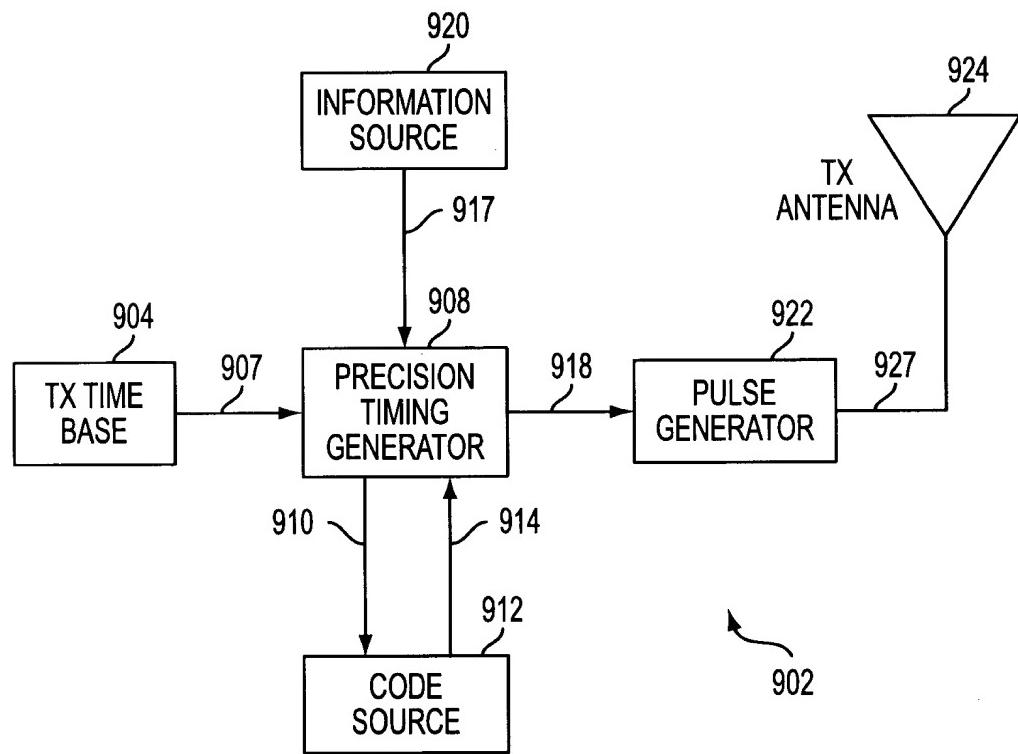


FIG. 9

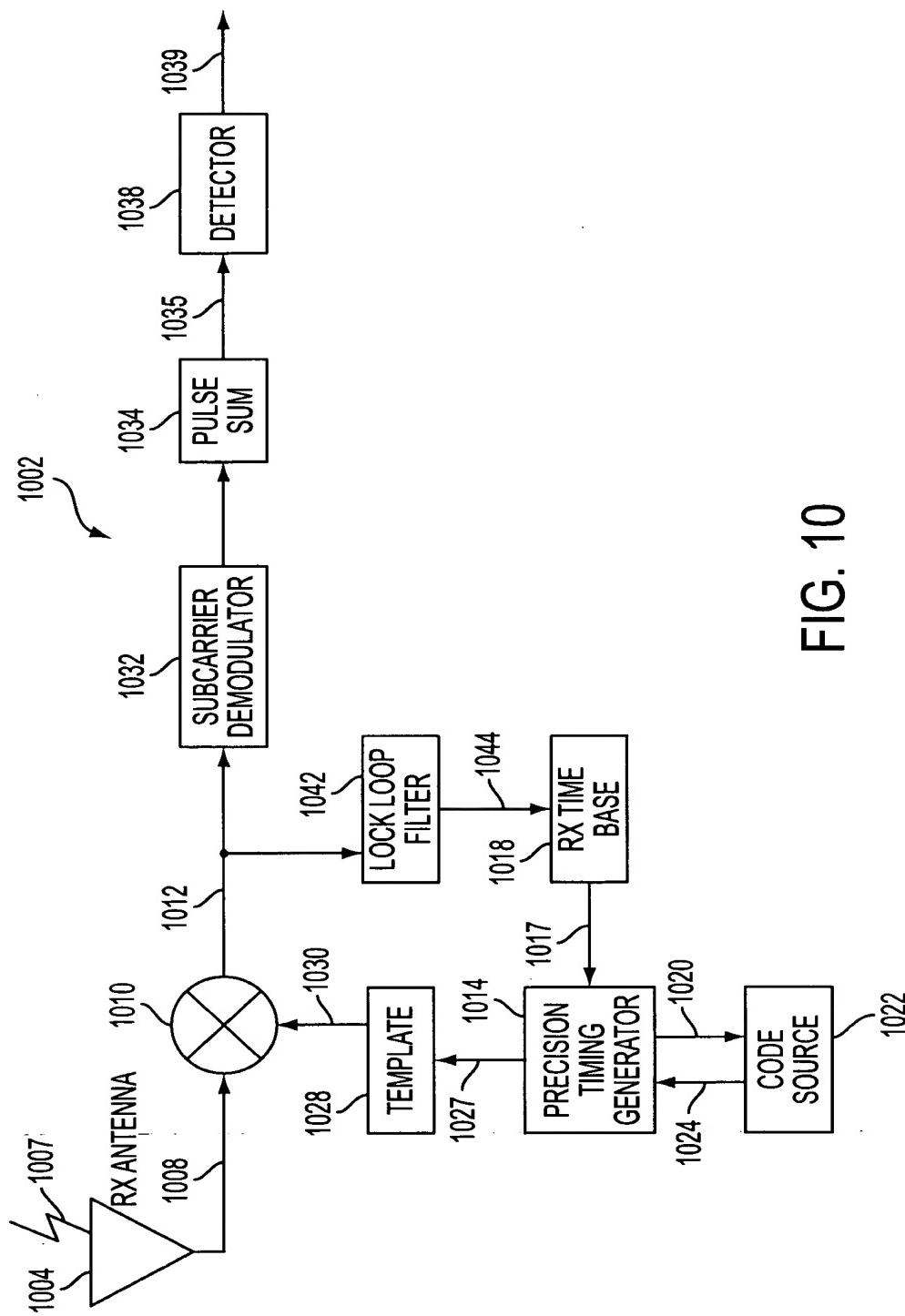
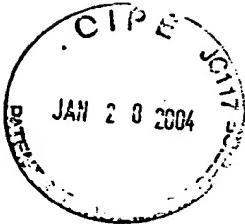


FIG. 10